



PP/2183  
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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of:	)	
<b>Thomas J. Sullivan</b>	)	
Serial No.: 09/491,810	)	Art Unit: 2183
Filed: January 28, 2000	)	Examiner: Meonske, Tonia L.
For: AN APPARATUS AND METHOD FOR	)	Docket No.: 10981801-1
PERFORMING SINGLE-INSTRUCTION	)	
MULTIPLE DATA INSTRUCTIONS	)	

**RESPONSE TO NOTIFICATION OF NON-COMPLIANT APPEAL BRIEF**

Mailstop Appeal Brief - Patents  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In regard to the outstanding Notice of Non-Compliant Appeal Brief of September 29, 2005, Applicants submit the following remarks.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Hewlett-Packard Development Company, L.P. Deposit Account No. 08-2025.

**Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope, with sufficient postage, addressed to: Mailstop Appeal Brief - Patents, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on

10-13-05  
Signature: Shana L. East

## **REMARKS**

In the outstanding Notice of Non-Compliant Appeal Brief of September 29, 2005, it is asserted that Applicants' Appeal Brief filed on July 19, 2005, is defective for allegedly failing to contain a concise explanation of the subject matter defined in independent claim 26. A summary of the claimed subject matter in independent claim 26 is set forth below pursuant to M.P.E.P. §1205.03(B). Applicants respectfully assert that the below summary corrects for the alleged defects described by the Notice of Non-Compliant Appeal Brief.

### **Summary of Claimed Subject Matter**

As embodied in claim 26, an apparatus is provided. In this regard, a means (e.g., reference numeral 31) for producing control signals is responsive to a first data value, a second data value, and one or more exceptional conditions (e.g., paragraph 27, lines 3-4; paragraph 31, lines 1-4; and Fig. 2). The exceptional conditions result from the execution of a multiply accumulate (MAC) unit (e.g., reference numeral 41) over the first and second data values in sequential order, and the means for producing is configured to detect the one or more exceptional conditions (e.g., paragraph 33, lines 1-5; paragraph 34, lines 1-3; and Fig. 2). A means (e.g., reference numerals 80, 51A, 51B, 61A, 61B, 71A, 28) for arranging a combination selected from a first MAC unit result, a second MAC unit result, and a representation of a specific exceptional condition is responsive to the plurality of control signals, and the control signals direct whether the first MAC unit result and the second MAC unit result should be used or replaced by the representation of the specific exceptional condition, respectively (e.g., paragraph 31, lines 1-8; paragraph 32; paragraph 33, lines 1-5; paragraph 34, lines 1-3; paragraph 35, lines 1-4; paragraph 39, lines 2-4; and Fig. 2).

**CONCLUSION**

Applicants respectfully request that the Patent Office accept and consider the Appeal Brief filed on July 19, 2005. If the Examiner has any questions or comments regarding this paper, the Examiner is encouraged to telephone Applicants' undersigned counsel.

Respectfully submitted,

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& RISLEY, L.L.P.**

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